

AKAI VS-F560

127

General Information

1992

Video: 4 Head Rotary.

Audio: Hi-Fi 2 Channel

Rotary.

Linear Fixed 1 Channel.

Covers Models:

Akai VS-F550

Akai VS-F580

Akai VS-F590

Matrix

Item See Model

Mechanical Parts View Akai VS-422/425

Mechanical Adjustments Akai VS-F10/F11

Replacement Pinch Roller Akai VS-F260/280

Back Tension Adjustment Akai VS-F260/280

Pre Amp Akai VS-F510

VPST/PDC Akai VS-F260/280

Remote Controls Akai VS-F440

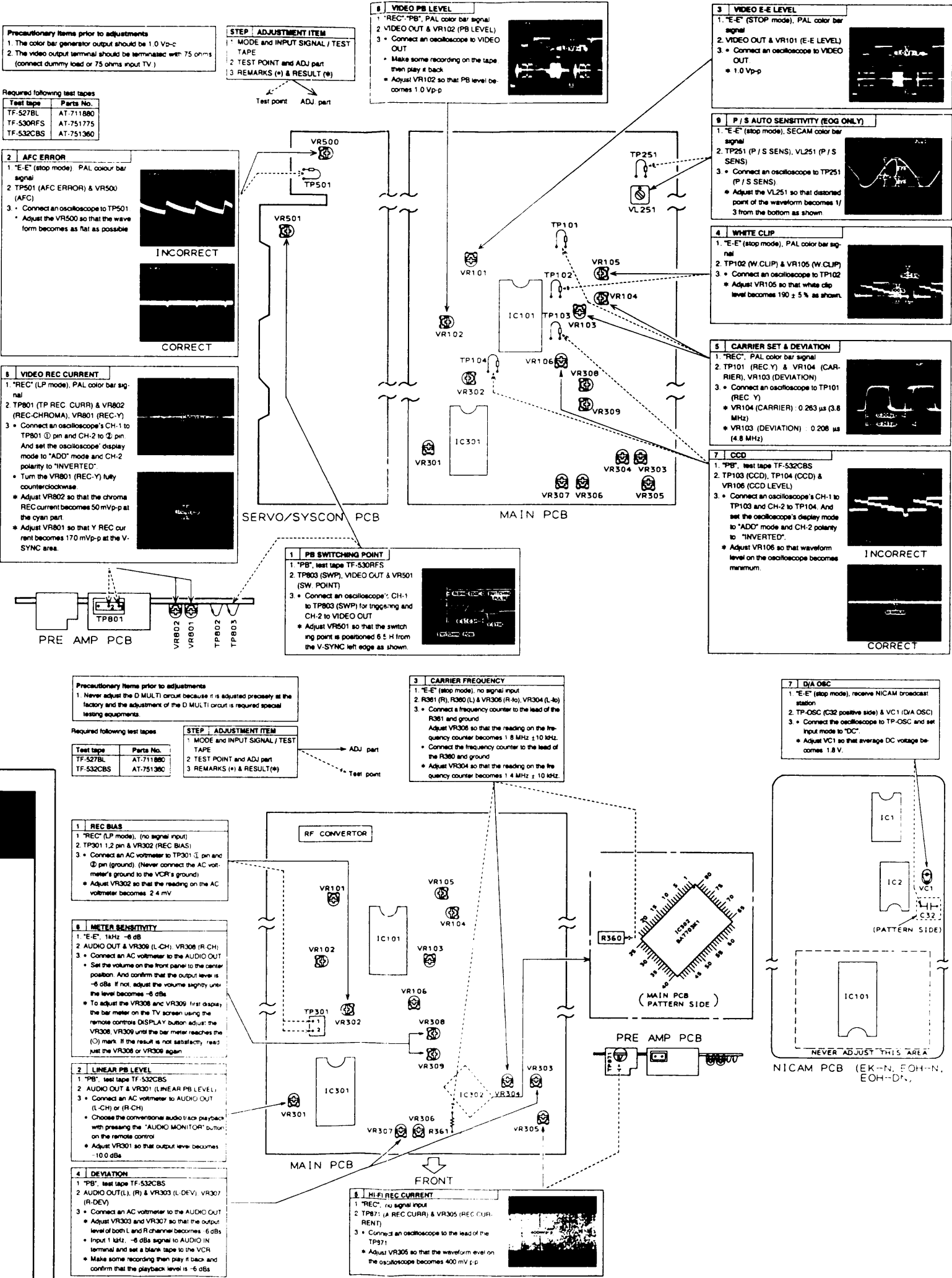
Head Motors and Miscellaneous

Part No.	Description
BV-V1123A410C	Lower Drum BLK F600EA
BV-V1123A420C	Upper Drum BLK F600EA
BM-401296J1	Motor E20EL89 (Drum Motor)
HR-405340J	Head Combo HVMZA1121A
HE-390013J	Head E HVFME0020A
BM-400682J1	Motor DFX-67B3VWB1 (Capstan Motor)
BM-387503J	Motor Part (Loading Motor)

Recommended Safety Parts

Item	Part No.	Description
D801	ED-732667J	D Silicon DSC30TC
D803	ED-357754	D Silicon DS135D 200/1.0A
D805	ED-383752J	D Silicon DBF40C 200V/4.0A
D808, 809		
D814, 815	ED-379041	D Silicon S5566B 100/1.0A
D816, 817		
D818	ED-357754	D Silicon DS135D 200/1.0A
FR801	ER-397385J	R Fuse V TO5 RF25SCVTP1/4WR20K
FR802, 803	ER-400688J	R Fuse V TO5 RF24SCVTP1/4WR10K
FR804	ER-331188	R Fuse H S10 ERD2FC 1/4W 8R2J
FR805	ER-393222J	R Fuse H S10 RF25S 1/4W 100J
FR806, 807		
FR808, 809	ER-400688J	R Fuse V TO5 RF25SCVTP1/4WR10K
L801	EH-732826J	Filter FKOB160M16 (EO,EOG)
L802	EH-732827J	Filter PLH11C-1811R2 (Except EOG)
Q801	ET-380685J	TR 2SD1761 E,F,G, (TR(1) P.C.Board)
Q802, 803		
Q805, 807	ET-380685J	TR 2sD1761 E,F,G (TR(2) P.C.Board)
Q808	ET-405622J	TR 2SD2061 E,F
Q809	ET-366365	TR 2SB1185 E,F
Q810	ET-366168	TR 2SD1292 Q,R
R513	ER-383007J	R OMF H S12 FS 1W 1ROJ
R555	ER-336756	R OMF H FS 1W R47J

Electrical Adjustments



Mechanical Parts List

Description	Part No.
6SET20X030SCM PKR FP	ZS-374458
6SET30X080SCM PKR CP	ZG-373900
Arm Coupling	ML-387311J12
Arm Damper	ML-391745J3
Arm Lid Opener	ML-387350J1
Arm Loading Blk 425EA	BL-V1102A140A
Arm Review Part	ML-387277J3
Arm Shutter	ML-387349J2
Base Drum	MA-387474J3
Belt Capstan	MB-387289J
BID20X04STL CMT	ZS-464703
BID26X08STL CMT	ZS-563444
BID30X03STL CMT	ZS-425981
BID30X06STL CMT	ZS-379405
BID30X08STL CMT	ZS-321298
BID30X08STL CMT	ZS-321298
Capstan Brake Part	BL-387458J2
Cassette Loak BLK 425EA	BV-V1102A150A
Cord FFCP1.25L=120 13P (WP)	EW-389313J
D LED GL451 Infrared (D1)	ED-390011J
D LED GL4800 Infrared (D2) (D3)	ED-390012J
Disk (2) Part	MT-390954J1
Disk Clutch Part	MZ-387298J3
DT BID30X06STL CMT	ZS-364543
Earth Brush Part	VT-401282J
Gear Cam Slider (2)	MZ-396021J
Gear Eject	MZ-387335J
Gear Front Loading	MZ-387333J
Gear Toggle (S) BLK 425EA	MZ-V1102A090A
Gear Toggle (T) BLK 425EA	MZ-V1102A100A
Gear Worm Part	MZ-387330J
Gear Worm Wheel	MZ-387332J
Guide Front (2)	SE-395554J
Guide Roller D8 Part	VT-387394J1
Head Combo HVMZA1121A	HR-405340J
Head E HVFME0020A	HE-390013J
Holder D-LED	MZ-387430J
Holder FE Head (2) PART	MZ-407375J
Holder FPC	SZ-387388J
Holder Lever Tension	SZ-387263J4
Holder Photo Sensor	MZ-387446J
Holder S Sensor	MZ-387445J
Holder Thrust Worm	MR-387406J
Idler Part	M1-387294J
Leader S BLK 425EA	BV-V1102A070A
Leader T BLK 425EA	BV-V1102A080A
Lever Damper (S)	ML-387345J
Lever Damper (T)	ML-387346J
Lever Lock Release	ML-387344J
Lever Trigger	ML-387402J1
Lower Drum Blk F600EA	BV-V1123A410C
Main Brake (S) Part	ML-387316J
Main Brake (T) Part	ML-387318J
Mecha Deck BLK F300EA	BB-V1130A020B
Motor DFX-67B3VWB1 (Capstan Motor)	BM-400682J1

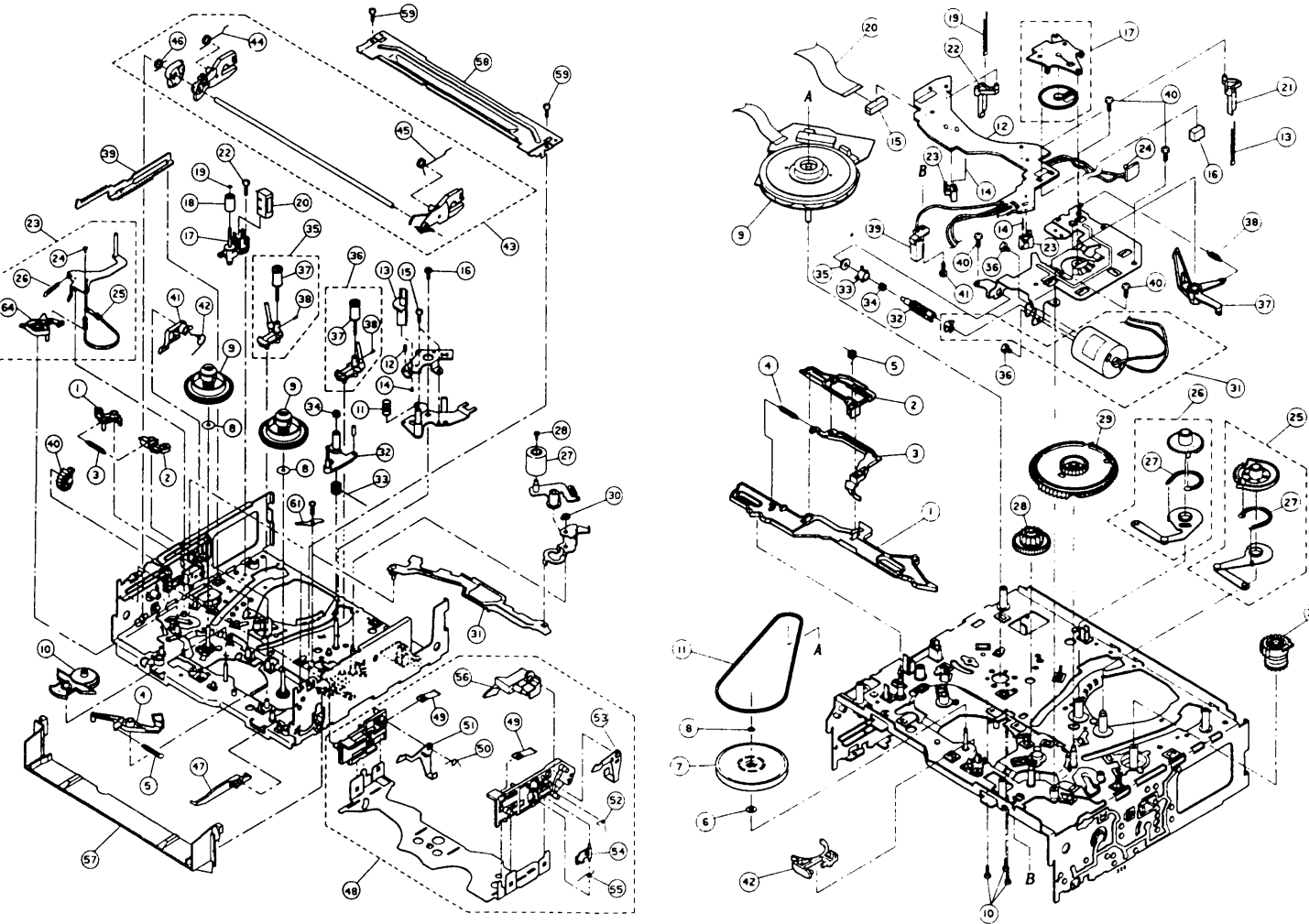
Mechanical Parts
List Cont'd.

Description	Part No.
Motor E20EL89 (Drum Motor)	BM-401296J1
Motor Part (Loading Motor)	BM-387503J
Nut Review	ZW-401776J
PAN20X02STL BZN PS1	ZS-404844J
PAN26X12STL CMT	ZS-467796
PAN30X06STL CMT	ZS-379350
PC () Sensor	EA-387496J
PDT BID26X10STL CMT	ZS-389950J
Pinch Roller (2) Part	MP-404852J
Plate Upper (2)	MZ-406134J
PT BID26X06STL CMT	ZS-365149
Pulley Trigger (2)	MR-391968J
PW26X06X05PSL	ZW-389923J
PW31X110X050PSL	ZW-389814J
Retaining Ring Grip	
380STL ACP	ZW-332843
Review Brake Part	ML-387321J
Roller Impedance	MR-387286J1

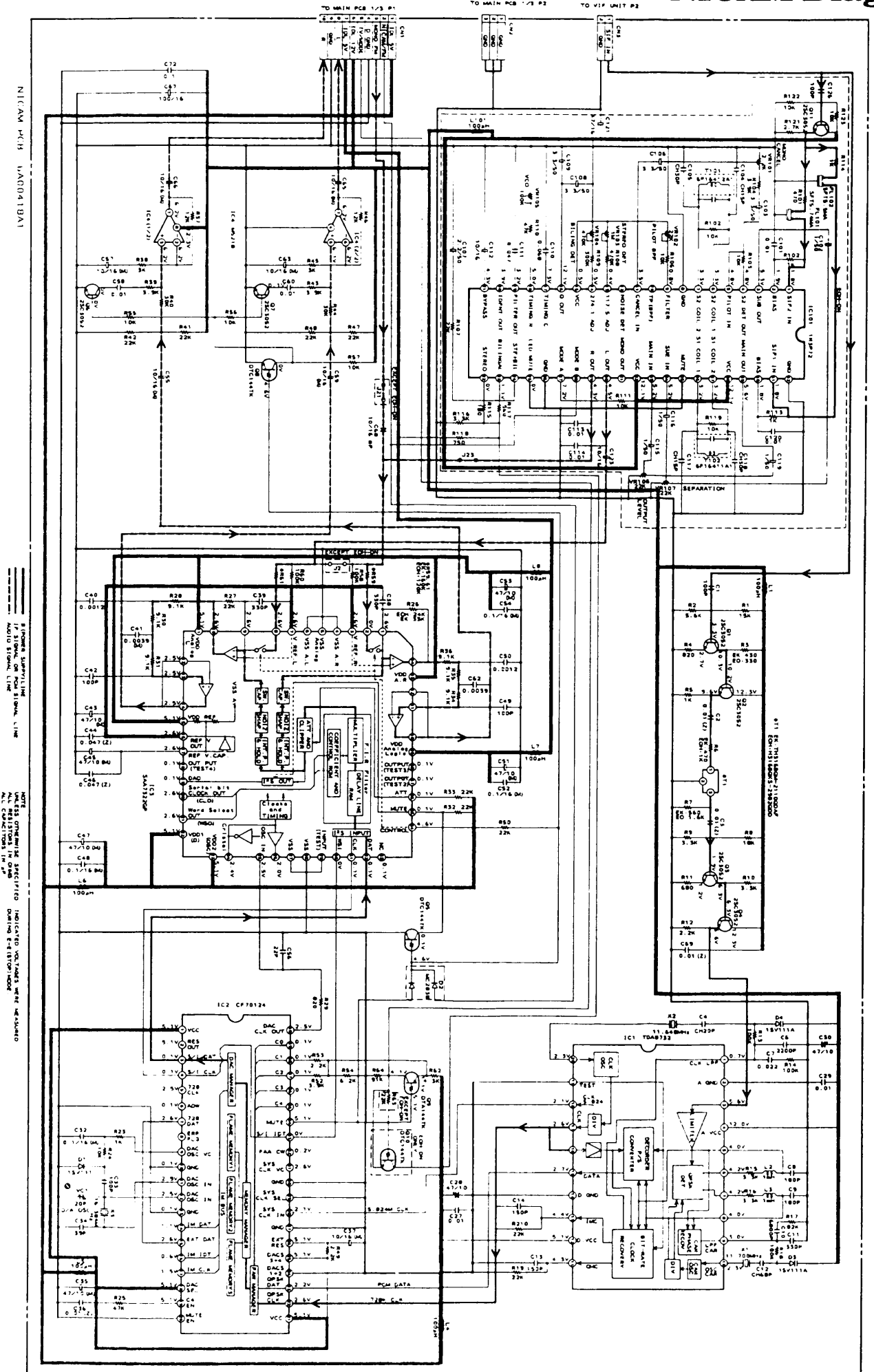
Description	Part No.
Slider Brake (2) Part	ML-396018J1
Slider Front Loading	ML-387428J
Slider Pinch Part	ML-387431J1
Slider Trigger (2)	ML-404944J
SLIT W17X032X025PSL	ZW-374445
SLIT W21X040X050PSL	ZW-387492J
Socket 174074-5 5P (P1)	EJ-381837J
Socket Housing	
5062-30-10-13 (PS1)	EJ-387497J
SP Plate Earth	ZG-392294J
SP Plate Holder	ZG-387348J1
SP Pull Capstan Brake	ZG-387502J
SW Leaf MRS10110MPC1	ES-373099
SP Pull Main Brake	ZG-387320J
SP Pull Review Brake	ZG-387323J
SP Pull Slider	ZG-387468J
SP Pull Tension (2)	ZG-395470J
SP Pull Toggle	ZG-387413J1
SP Push A/C	ZG-387438J1
SP Torsion Arm Damper	ZG-395567J
SP Torsion Coupling	ZG-387403J
SP Torsion Damper (S)	ZG-387421J
SP Torsion Damper (T)	ZG-388290J1
SP Torsion Load (S)	ZG-387417J
SP Torsion Load (T)	ZG-387418J

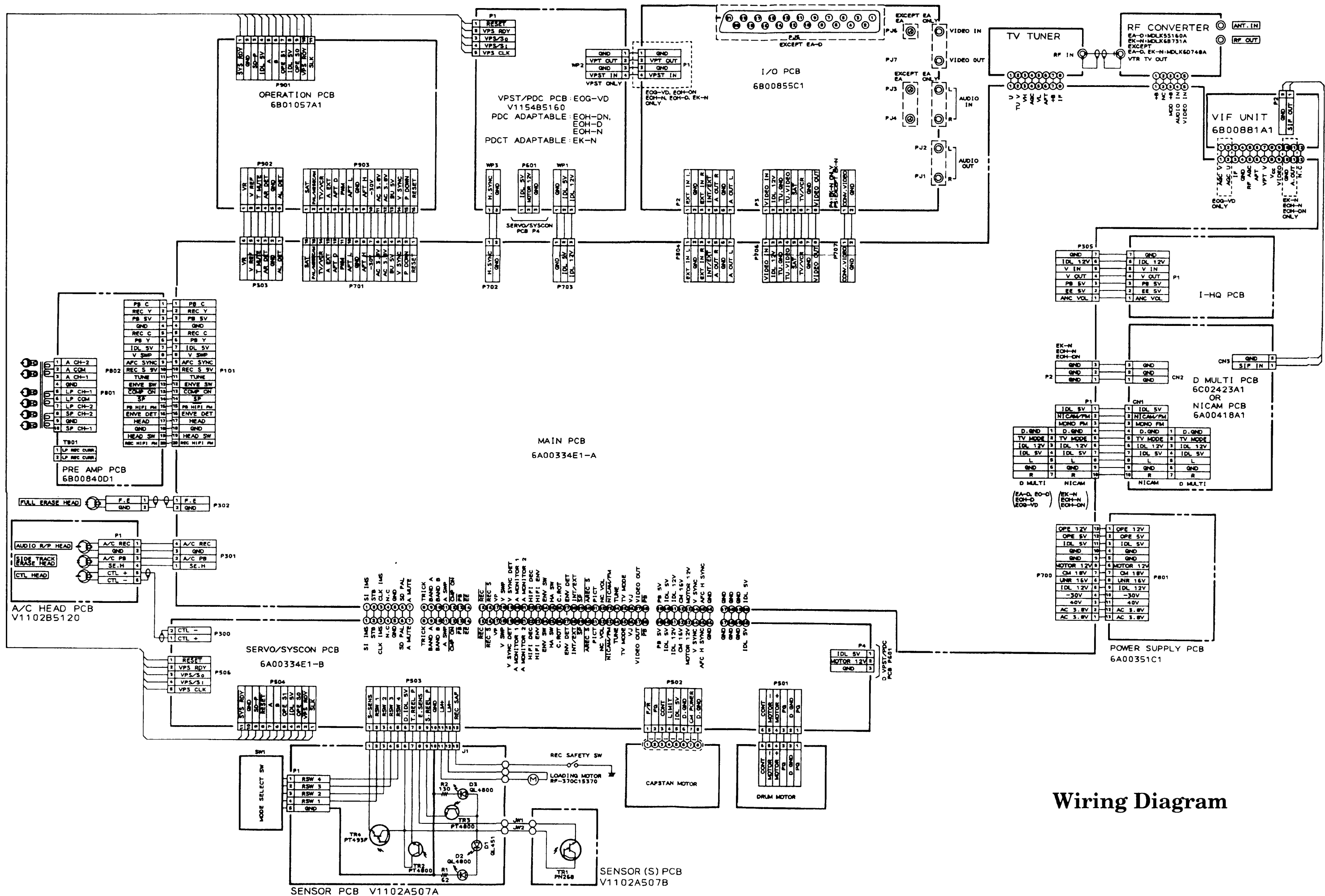
Description	Part No.
SP Torsion Joint (2)	ZG-392831J
SP Torsion Release	ZG-387420J1
SP Torsion Review	ZG-387282J
SP Trigger	ZG-387443J
ST BID30X06STL CMT	ZS-358936
ST BID30X12STL CMT	ZS-336714
ST PAN30X06STL	
CMT 3080	ZS-34475
SW Mode Select	
MMS00070ZLBO (SW1)	ES-387465J
Tension Arm Blk F600EA	BL-V1123A050A
Tension Band Part	ML-390768J4
Tension Brake Part	MZ-395471J3
TR Photo PN268 (PTR1)	ET-361490
TR Photo PT4800	
(PTR2)(PTR3)	ET-390010J
TR Photo PT493F (PTR4)	ET-390009J
Upper Drum Blk F600EA	BV-V1123A420C

Mechanical Parts View



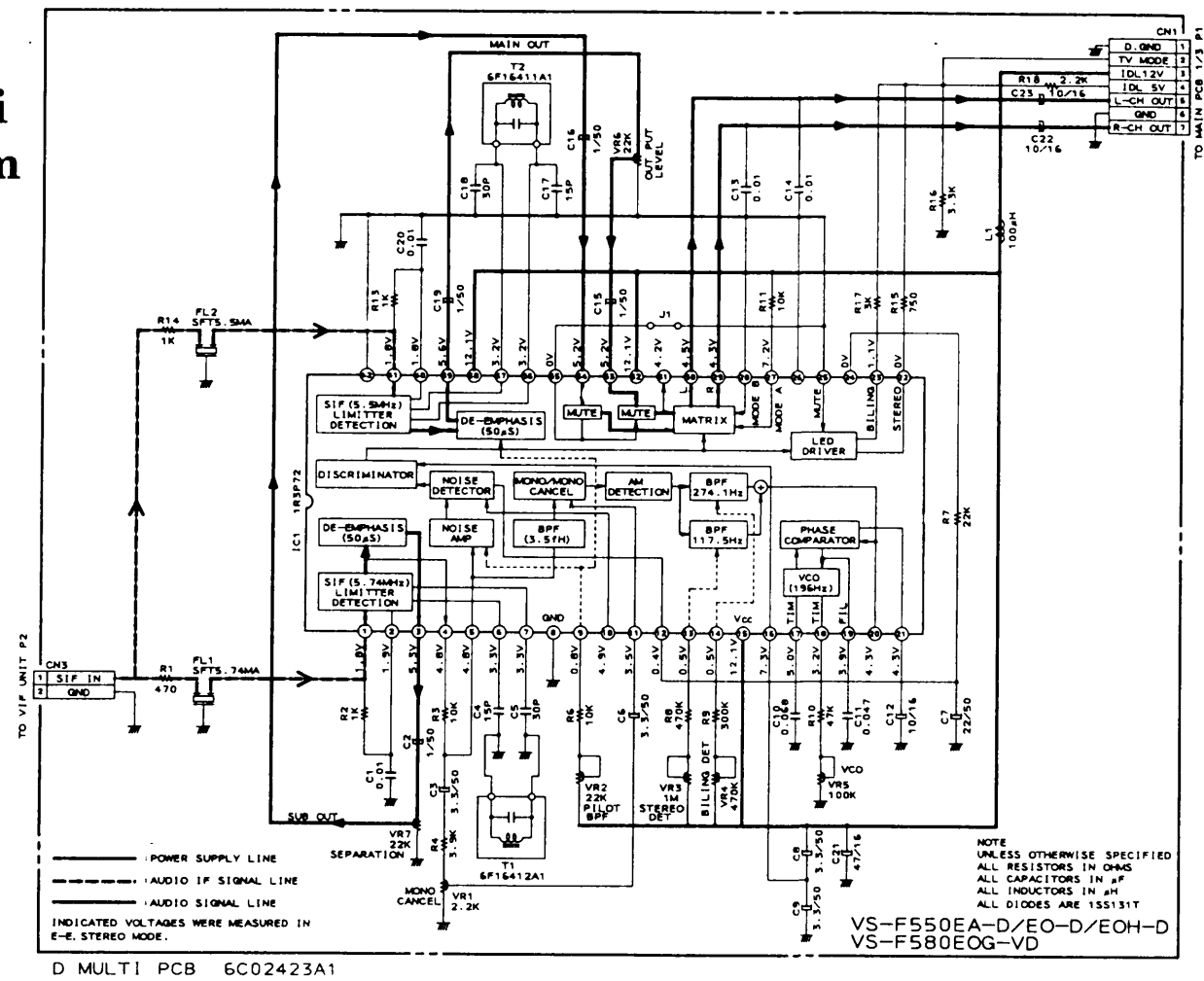
NICAM Diagram



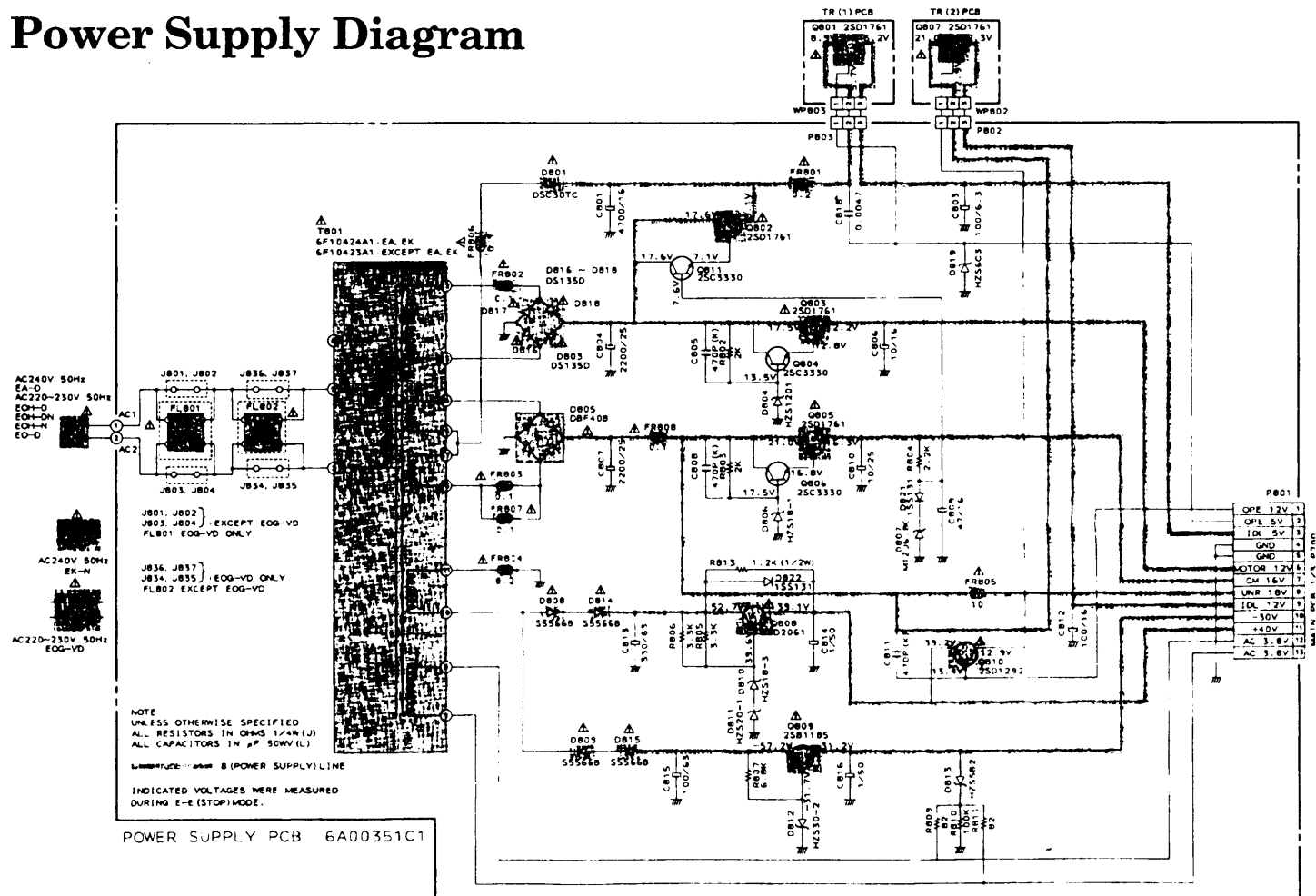


Wiring Diagram

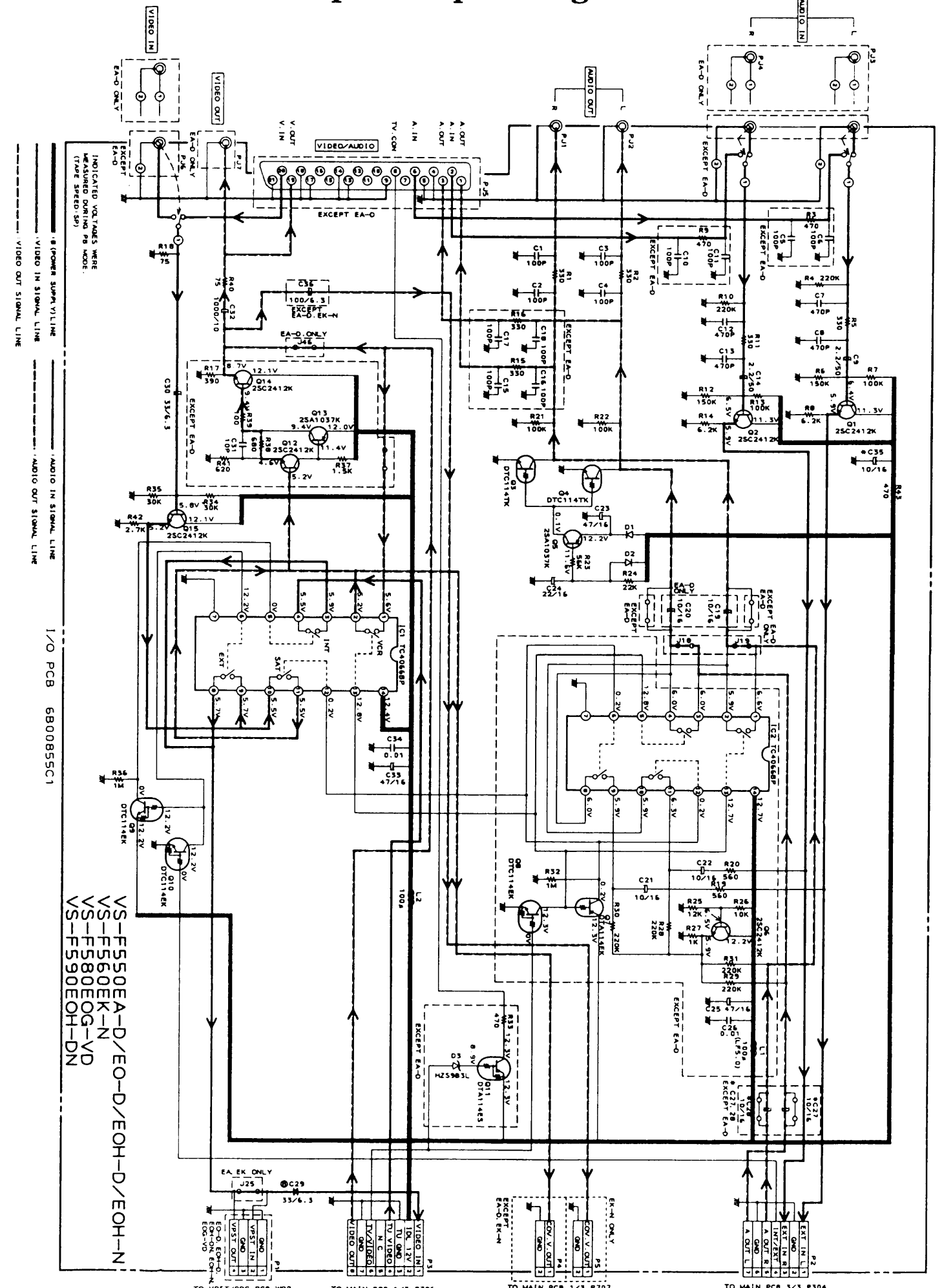
D Multi Diagram



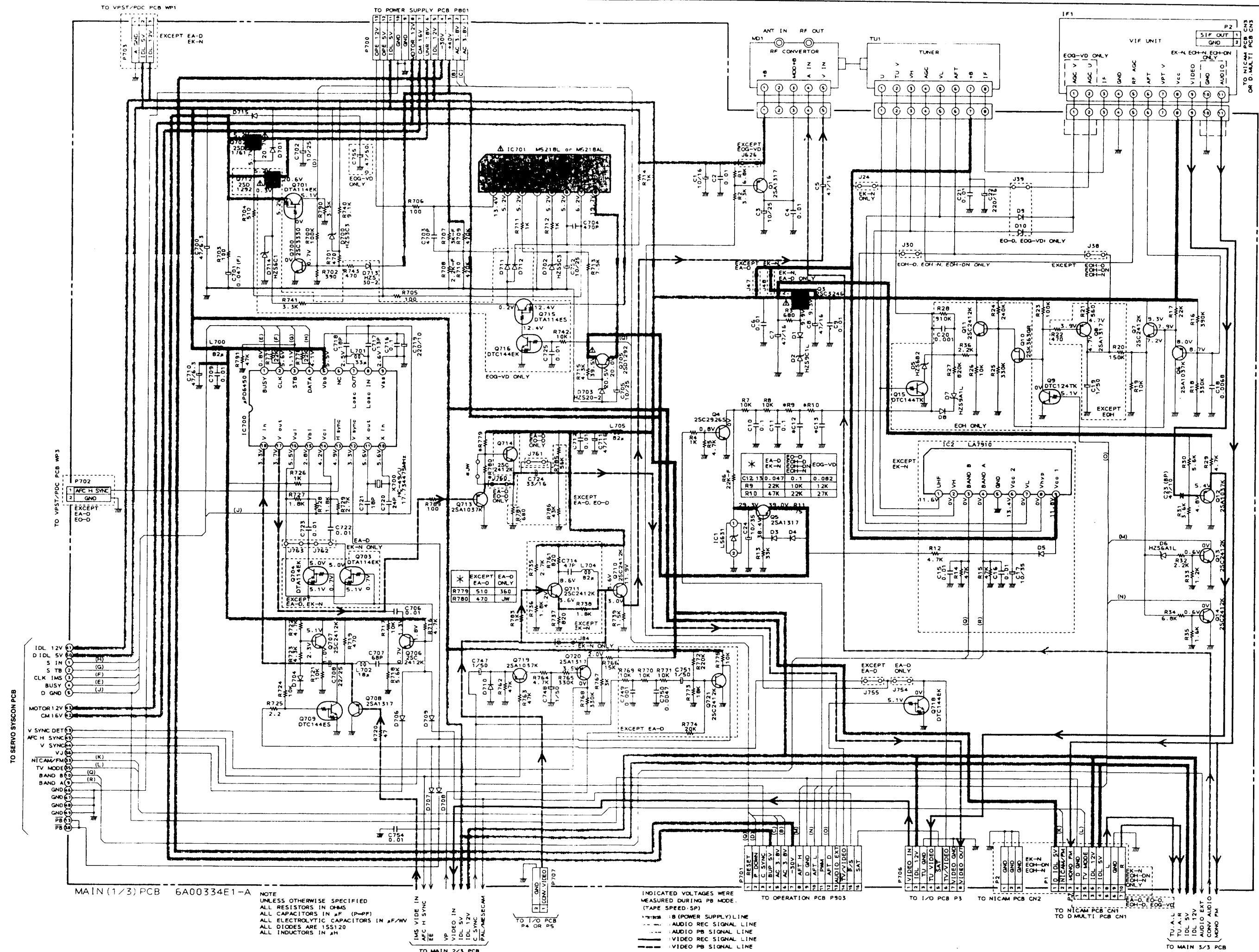
Power Supply Diagram

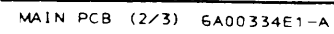


Input/Output Diagram

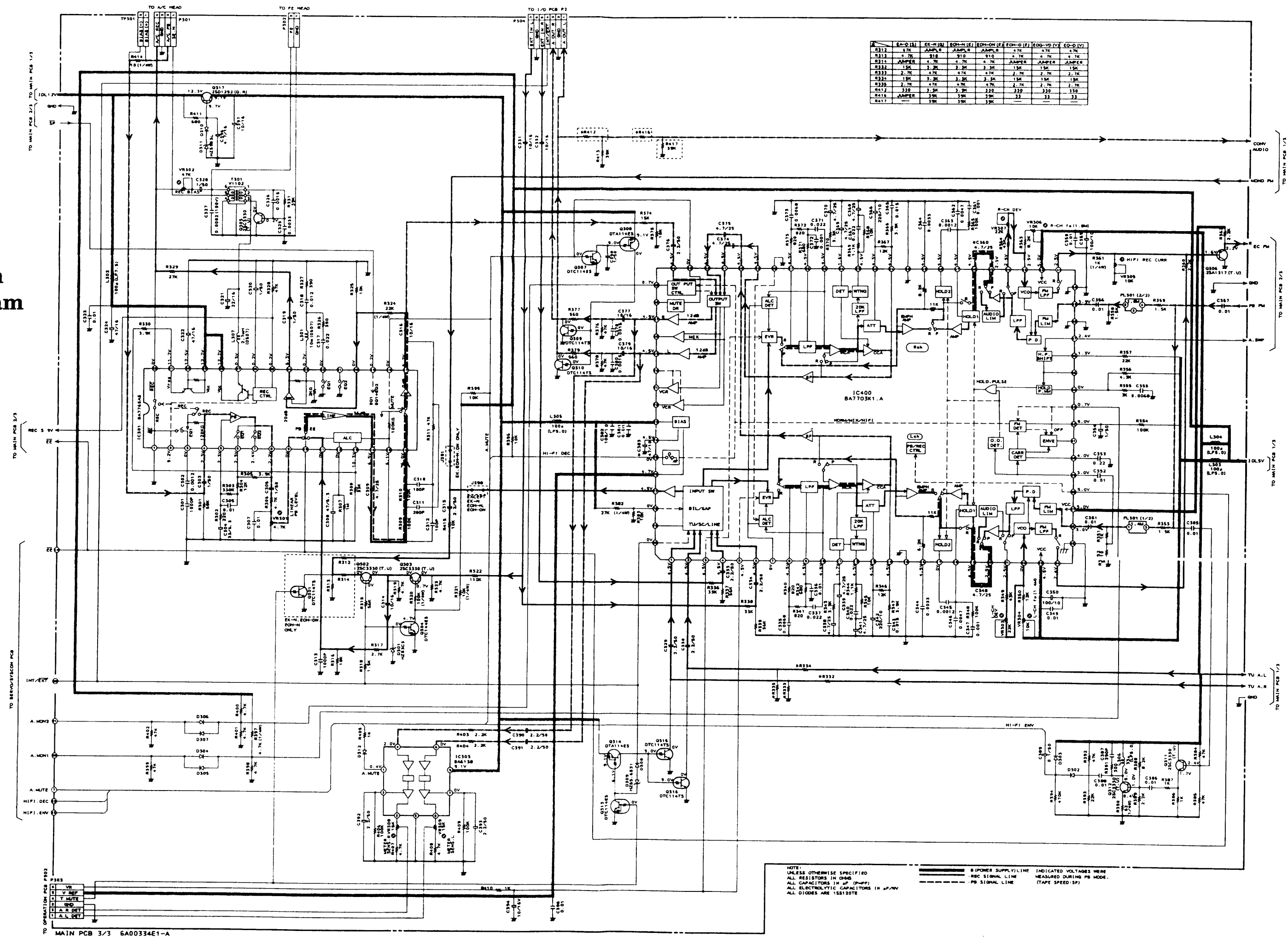


Main Diagram





Main Diagram 3/3



NOTE:	-----	0 (POWER SUPPLY) LINE	INDICATED VOLTAGES WERE
UNLESS OTHERWISE SPECIFIED	=====	ABC SIGNAL LINE	MEASURED DURING PB MODE.
ALL RESISTORS IN OHMS	-----	PB SIGNAL LINE	(TAPE SPEED: 3P)
ALL CAPACITORS IN μ P (P-P)			
ALL ELECTROLYTIC CAPACITORS IN μ P/4V			
ALL DIODES ARE 1S120TE			

Servo System Control Diagram

